



## **Birth Defects and Environmental Data: Making the Link**

### *Plenary and Concurrent Session Abstract Form*

#### **Moderator:**

Larry Edmonds, PhD, Centers for Disease Control and Prevention (CDC)

#### **Presenters:**

Edward F Fitzgerald, PhD, Director, Bureau of Environmental and Occupational Epidemiology, New York State Department of Health

Birth Defects Surveillance and Environmental Public Health Tracking in New York State

Adolfo Correa, MD, PhD, National Center on Birth Defects and Developmental Disabilities, CDC

Temporal and spatial variations in birth defects in Atlanta

Elaine Krueger, MPH, Massachusetts Department of Public Health, Bureau of Environmental Health, Assessment/Environmental Toxicology Program

Environmental/Developmental Disabilities Linkage Activities

#### **Session Abstract:**

This session focuses on the linking of birth defects data and environmental quality measures. Following a brief introduction on the topic of birth defects data and surveillance, attendees will hear three presentations that highlight the linking of birth defects data and environmental quality data. Birth defects surveillance system and environmental data collection systems will be described along with the methods used to link these data. Preliminary findings along with strengths and limitations of the methods and data will also be discussed.

#### **Learning Objectives:**

After attending this session, the participant will acquire a better understanding of:

1. Birth defects and related surveillance systems
2. Methods and approaches used for linking birth defects to public drinking water data
3. Methods used to link congenital birth defects data with air pollution data
4. Methods for tracking developmental disabilities or conditions and linking these data to environmental data.